

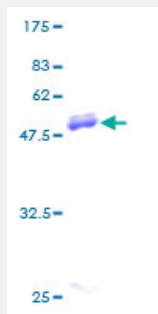
Full-Length

CD58 (Human) Recombinant Protein (P01)

Catalog # H00000965-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CD58 full-length ORF (AAH05930, 1 a.a. - 240 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MVAGSDAGRALGVLSVVCLLHCFGFISCFSSQQYGVVYGNVTFHVPSNVPLKEVLWKKQKDKVA
ELENSEFRAFSSFKNRVYLDTVSGSLTYNLTSSDEDEYEMESPNTDTMKFFLYVLESLPSPTLTC
ALTNGSIEVQCMPEYYNSHRGLIMYSWDCPMEQCKRNSTSIYFKMENDLPQKIQCTLSNPLFNNTS
SIILTTCIPSSGHSRHRYPALPIPLAVITTCIVLYMNGMYAF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

52.14

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CD58

Entrez GeneID	965
GeneBank Accession#	BC005930
Protein Accession#	AAH05930
Gene Name	CD58
Gene Alias	LFA-3, LFA3
Gene Description	CD58 molecule
Omim ID	153420
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the immunoglobulin superfamily. The encoded protein is a ligand of the T lymphocyte CD2 protein, and functions in adhesion and activation of T lymphocytes. The protein is localized to the plasma membrane. Alternatively spliced transcript variants have been described. [provided by RefSeq]
Other Designations	CD58 antigen, (lymphocyte function-associated antigen 3) OTTHUMP00000024363

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Arthritis](#)

- [Autoimmune Diseases](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Multiple Sclerosis](#)